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 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

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L7  

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result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

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<u>L6</u>	14 and 106/\$	23	<u>L6</u>
<u>L5</u>	pigment same steric same organic same amphiphilic	2	<u>L5</u>
<u>L4</u>	pigment and steric and organic and amphiphilic	178	<u>L4</u>

DB=USPT; PLUR=YES; OP=ADJ

<u>L3</u>	L2 and water	1	<u>L3</u>
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<u>L1</u>	5731115.pn.	1	<u>L1</u>

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Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 6506245 B1

Using default format because multiple data bases are involved.

L7: Entry 1 of 3

File: USPT

Jan 14, 2003

US-PAT-NO: 6506245

DOCUMENT-IDENTIFIER: US 6506245 B1

TITLE: Ink jet inks, inks, and other compositions containing colored pigments

DATE-ISSUED: January 14, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kinney; Thomas A.	Boston	MA		
von Gottberg; Friedrich K.	Cambridge	MA		
Yu; Yuan	Nashua	NH		
Welch; John F.	Winchester	MA		

US-CL-CURRENT: 106/493; 106/412, 106/413, 106/472, 106/476, 106/494, 106/495,
106/496, 106/497, 106/498

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 2. Document ID: US 6494943 B1

L7: Entry 2 of 3

File: USPT

Dec 17, 2002

US-PAT-NO: 6494943

DOCUMENT-IDENTIFIER: US 6494943 B1

TITLE: Ink jet inks, inks, and other compositions containing colored pigments

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 3. Document ID: US 6436178 B1

L7: Entry 3 of 3

File: USPT

Aug 20, 2002

US-PAT-NO: 6436178

DOCUMENT-IDENTIFIER: US 6436178 B1

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☐ 1. Document ID: US 20040229974 A1

Using default format because multiple data bases are involved.

L6: Entry 1 of 23

File: PGPB

Nov 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040229974

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040229974 A1

TITLE: Microencapsulated pigment, production process therefor, and aqueous dispersion and ink jet recording ink using the pigment

PUBLICATION-DATE: November 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Miyabayashi, Toshiyuki	Nagano		JP	

US-CL-CURRENT: 523/160; 106/499, 523/161

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 2. Document ID: US 20030017271 A1

L6: Entry 2 of 23

File: PGPB

Jan 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030017271

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030017271 A1

TITLE: Pigment composition

PUBLICATION-DATE: January 23, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sikkar, Rein	Floda		SE	
Eriksson, Olof	Goteborg		SE	
Persson, Michael	Vastra Frolunda		SE	

US-CL-CURRENT: 427/372.2; 106/447, 106/465, 106/468, 106/499

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 3. Document ID: US 20020011183 A1

L6: Entry 3 of 23

File: PGPB

Jan 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020011183

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020011183 A1

TITLE: Phosphoric esters as emulsifiers and dispersants

PUBLICATION-DATE: January 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Esselborn, Eberhard	Essen		DE	
Heilen, Wernfried	Alpen		DE	
Lehmann, Kathrin	Leverkusen		DE	
Reuter, Ellen	Essen		DE	
Silber, Stefan	Krefeld		DE	
Stuttgart, Andreas	Duisburg		DE	

US-CL-CURRENT: 106/400; 510/475

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 4. Document ID: US 6689731 B2

L6: Entry 4 of 23

File: USPT

Feb 10, 2004

US-PAT-NO: 6689731

DOCUMENT-IDENTIFIER: US 6689731 B2

TITLE: Phosphoric esters as emulsifiers and dispersants

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 5. Document ID: US 6602994 B1

L6: Entry 5 of 23

File: USPT

Aug 5, 2003

US-PAT-NO: 6602994

DOCUMENT-IDENTIFIER: US 6602994 B1

TITLE: Derivatized microfibrillar polysaccharide

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 6. Document ID: US 6518370 B2

L6: Entry 6 of 23

File: USPT

Feb 11, 2003

US-PAT-NO: 6518370

DOCUMENT-IDENTIFIER: US 6518370 B2

**** See image for Certificate of Correction ****

TITLE: Dendritic polymer dispersants for hydrophobic particles in water-based systems

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMVC	Draw. De
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☐ 7. Document ID: US 6506245 B1

L6: Entry 7 of 23

File: USPT

Jan 14, 2003

US-PAT-NO: 6506245

DOCUMENT-IDENTIFIER: US 6506245 B1

TITLE: Ink jet inks, inks, and other compositions containing colored pigments

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMVC	Draw. De
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☐ 8. Document ID: US 6494943 B1

L6: Entry 8 of 23

File: USPT

Dec 17, 2002

US-PAT-NO: 6494943

DOCUMENT-IDENTIFIER: US 6494943 B1

TITLE: Ink jet inks, inks, and other compositions containing colored pigments

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMVC	Draw. De
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☐ 9. Document ID: US 6489382 B1

L6: Entry 9 of 23

File: USPT

Dec 3, 2002

US-PAT-NO: 6489382

DOCUMENT-IDENTIFIER: US 6489382 B1

TITLE: Preparations of solids containing graft copolymers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMVC	Draw. De
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☐ 10. Document ID: US 6451420 B1

L6: Entry 10 of 23

File: USPT

Sep 17, 2002

US-PAT-NO: 6451420

DOCUMENT-IDENTIFIER: US 6451420 B1

**** See image for Certificate of Correction ****TITLE: Organic-inorganic hybrid polymer and method of making same

Full	Title	Citation	Front	Review	Classification	Date	Reference	SECURITY	CLASSIFICATION	Claims	KWIC	Draw. D.
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☐ 11. Document ID: US 6436178 B1

Using default format because multiple data bases are involved.

L6: Entry 11 of 23

File: USPT

Aug 20, 2002

US-PAT-NO: 6436178

DOCUMENT-IDENTIFIER: US 6436178 B1

TITLE: Inkjet ink and other ink compositions containing cyclic amides

DATE-ISSUED: August 20, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hosmer; Jason D.	Arlington	MA		

US-CL-CURRENT: [106/31.46](#); [106/31.47](#), [106/31.49](#), [106/31.76](#), [106/31.77](#), [106/31.78](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 12. Document ID: US 6433039 B1

L6: Entry 12 of 23

File: USPT

Aug 13, 2002

US-PAT-NO: 6433039

DOCUMENT-IDENTIFIER: US 6433039 B1

**** See image for [Certificate of Correction](#) ****

TITLE: Ink jet printing with inks containing comb polymer dispersants

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 13. Document ID: US 6316564 B1

L6: Entry 13 of 23

File: USPT

Nov 13, 2001

US-PAT-NO: 6316564

DOCUMENT-IDENTIFIER: US 6316564 B1

TITLE: Acrylic block copolymer [pigment](#) dispersants containing heterocyclic groups

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KVMC	Draw. De
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☐ 14. Document ID: US 6262207 B1

L6: Entry 14 of 23

File: USPT

Jul 17, 2001

US-PAT-NO: 6262207

DOCUMENT-IDENTIFIER: US 6262207 B1

**** See image for Certificate of Correction ****

TITLE: ABN dispersants for hydrophobic particles in water-based systems

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KVMC	Draw. De
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☐ 15. Document ID: US 6258896 B1

L6: Entry 15 of 23

File: USPT

Jul 10, 2001

US-PAT-NO: 6258896

DOCUMENT-IDENTIFIER: US 6258896 B1

**** See image for Certificate of Correction ****

TITLE: Dendritic polymer dispersants for hydrophobic particles in water-based systems

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KVMC	Draw. De
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☐ 16. Document ID: US 6221143 B1

L6: Entry 16 of 23

File: USPT

Apr 24, 2001

US-PAT-NO: 6221143

DOCUMENT-IDENTIFIER: US 6221143 B1

TITLE: Cationic pigments and aqueous compositions containing same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KVMC	Draw. De
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☐ 17. Document ID: US 5964930 A

L6: Entry 17 of 23

File: USPT

Oct 12, 1999

US-PAT-NO: 5964930

DOCUMENT-IDENTIFIER: US 5964930 A

TITLE: Black pigment ink and method for producing the same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KVMC	Draw. De
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☐ 18. Document ID: US 5944883 A

L6: Entry 18 of 23

File: USPT

Aug 31, 1999

US-PAT-NO: 5944883

DOCUMENT-IDENTIFIER: US 5944883 A

TITLE: Ultrafine particle organic pigment color ink and method for producing the same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 19. Document ID: US 5788749 A

L6: Entry 19 of 23

File: USPT

Aug 4, 1998

US-PAT-NO: 5788749

DOCUMENT-IDENTIFIER: US 5788749 A

TITLE: Pigmented ink compositions containing liposomes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 20. Document ID: US 5760124 A

L6: Entry 20 of 23

File: USPT

Jun 2, 1998

US-PAT-NO: 5760124

DOCUMENT-IDENTIFIER: US 5760124 A

TITLE: Ink compositions

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 21. Document ID: US 5633109 A

Using default format because multiple data bases are involved.

L6: Entry 21 of 23

File: USPT

May 27, 1997

US-PAT-NO: 5633109

DOCUMENT-IDENTIFIER: US 5633109 A

TITLE: Ink compositions with liposomes containing photochromic compounds

DATE-ISSUED: May 27, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jennings; Carol A.	Etobicoke			CA
Breton; Marcel P.	Mississauga			CA
Isabella; MaryAnna	Mississauga			CA
Johnson; Eric G.	Plant City	FL		
Martin; Trevor I.	Burlington			CA
Oliver; John F.	Calgary			CA

US-CL-CURRENT: [430/115](#); [106/31.21](#), [106/31.32](#), [106/31.34](#), [106/31.47](#), [347/100](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 22. Document ID: US 5626654 A

L6: Entry 22 of 23

File: USPT

May 6, 1997

US-PAT-NO: 5626654

DOCUMENT-IDENTIFIER: US 5626654 A

TITLE: Ink compositions containing liposomes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 23. Document ID: US 5171772 A

L6: Entry 23 of 23

File: USPT

Dec 15, 1992

US-PAT-NO: 5171772

DOCUMENT-IDENTIFIER: US 5171772 A

TITLE: Micro composite systems and processes for making same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Full Text	Abstract	Claims	KWIC	Drawings
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